

## Search Results

[New BLAST Search](#) | [Manage BLAST Results](#) | [Manage Custom Databases](#)  
[View Raw Results](#)

WU-BLAST 2.0MP-WashU [05-May-2004] [irix6.5-r10k-I32LPPF64 2004-05-06T14:17:11]  
 huFlt3-L vs database nr\_aa (702746936 letters in 2091158 sequences)

E-VALUE COLOR KEY  
 stronger  $\leq E-75$   
 |  $E-30 - E-75$   
 SIMILARITY  $E-5 - E-30$   
 |  $1.0 - E-5$   
 weaker  $> 1.0$

**Forward** selected sequences to another application.

Query= huFlt3-L 28-160  
 (length=133)

Alignment vs. Query (Click to View Alignment)

1 50 100

Sequences producing  
 High-scoring Segment Score E-Value | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_

Pairs:

pir|I39076 Flt3

701 2.2E-68 -----100%----->

① ligand alternatively  
 spliced isoform -  
 human >gb|A..

ref|NP\_001450.2 fms-

701 2.2E-68 -----100%----->

① related tyrosine  
 kinase 3 ligand [Homo  
 sapiens..

pdb|1ETED Chain D,

698 4.5E-68 -----99%----->

① Crystal Structure Of  
 The Flt3 Ligand  
 >pdb|1ETE|..

prf|2009389B

695 9.4E-68 -----99%----->

① FLT3/FLK2 ligand

pir|S43293 FLT3/FLK2

695 9.4E-68 -----99%----->

① ligand (clone S109) -  
 human

gb|AAA17999.1

695 9.4E-68 -----99%----->

① FLT3/FLK2 ligand

gb|AA072538.1 FLT3

683 1.8E-66 -----97%----->

① ligand [Papio  
 cynocephalus x Papio  
 anubis]

gb|AAF87089.1 Flt3

581 1.1E-55 -----84%----->

① ligand [Felis catus]

ref|NP\_001003350.1

581 1.1E-55 -----84%----->

① Flt3 ligand [Canis  
 familiaris]

>gb|AAF87068.1| ..

569 2.1E-54 -----81%----->

① dbj|BAB79634.1 flt3

ligand [Bos taurus]

569 2.1E-54 -----81%----->

① ref|NP\_851373.1 fms-

related tyrosine

569 2.1E-54 -----81%----->

① kinase 3 ligand [Bos  
 taurus] ..

gb|AAA90952.1 Flt3

508 6.2E-48 -----73%----->

① ligand alternatively  
 spliced isoform

pir|I58343 flt3

508 6.2E-48 -----73%----->

ligand isoform 5H -  
 mouse >pir|S43291

BEST AVAILABLE COPY

## Search Results

FLT3/FLK2 1..

gb|AAA93305.1 Flt3  
ligand, T169 form  
sp|P49772 SL cytokine  
precursor (Fms-  
related tyrosine  
kinase 3 lig..  
pir|A49265 flt3/flk-2  
ligand precursor -  
mouse >gb|AAA39436.1|  
flt..  
ref|NP\_038548.2 FMS-  
like tyrosine kinase  
3 ligand [Mus  
musculus] >..  
ref|XP\_341855.1  
similar to RIKEN cDNA  
2410004H02 [Rattus  
norvegicus..  
gb|AAF99323.1 flt3  
ligand isoform-2 [Bos  
taurus]  
gb|AAH19801.1 Flt3L  
protein [Mus  
musculus]  
gb|AAH06331.1 FLT3LG  
protein [Homo  
sapiens]  
>gb|AAH11914.1|  
FLT3LG..  
emb|CAA48516.1  
myocyte-specific  
enhancer factor 2  
(MEF2) [Homo sa...  
ref|NP\_269539.1  
hypothetical protein  
- phage associated  
[Streptococ..  
gb|AAC56174.1 rev  
gene product  
gb|AAD38036.1 LWS  
opsin [Columba livia]

508 6.2E-48 -----73%----->  
508 6.2E-48 -----73%----->  
508 6.2E-48 -----73%----->  
504 1.6E-47 -----73%----->  
494 7.1E-46 -----71%----->  
369 3.4E-45 -----81%-----> -----79%----->  
481 4.5E-45 -----73%----->  
276 2.4E-23 -----100%----->  
59 3.7 -----41%----->  
59 3.7 -----45%----->  
58 4.8 -----32%----->  
76 8.2 -----27%----->

BEST AVAILABLE COPY